

Serial No. 10/802,524

Reply to Communication of 12/23/2008

**RECEIVED
CENTRAL FAX CENTER
MAR 23 2009****AMENDMENTS TO THE CLAIMS**

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

1. - 24. (Canceled)

25. (Currently Amended): A program storage device readable by a machine tangibly embodying a program of instructions executable by the machine to perform method steps for determining and displaying risk information based on a technical wellbore design and Earth properties, said method steps comprising:

generating a drillstring design for a wellbore in each hole section of the well bore in response to a required wellbore geometry and a required wellbore trajectory of the wellbore;

receiving said plurality of input data, [[said]]the input data including a plurality of input data calculation results, wherein the input data comprises the drillstring design data;

comparing [[each]] the input data calculation results of the said plurality of input data calculation results with a each logical expression of a plurality of logical expressions;

ranking by the [[said]] logical expression the [[said]] calculation result, and generating a plurality of ranked risk values in response thereto, each of the said plurality of ranked risk values representing an input data calculation result that has been

Serial No. 10/802,524
Reply to Communication of 12/23/2008

ranked by ~~[[said]]~~ the logical expression as either a high risk or a medium risk or a low risk;
generating ~~[[said]]~~ risk information in response to ~~[[said]]~~ the ~~plurality of ranked risk~~
values; and
displaying ~~[[said]]~~ the risk information.

26. (Currently Amended): The program storage device of claim 25, wherein the ~~[[said]]~~ risk information comprises a ~~one or more~~ ranked risk category categories.

27. (Currently Amended): The program storage device of claim 25, wherein the ~~[[said]]~~ risk information comprises ~~one or more~~ a ranked subcategory risk~~[[s]]~~.

28. (Currently Amended): The program storage device of claim 25, wherein the ~~[[said]]~~ risk information comprises a plurality of ranked individual risks.

29. (Currently Amended): The program storage device of claim 26, wherein the ~~[[said]]~~ risk category categories ~~are~~ is selected from a group consisting of: an average individual risk, a subcategory risk, an average subcategory risk, a total risk, an average total risk, a potential risk for a ~~[[each]]~~ design task, and an actual risk for the ~~[[each]]~~ design task.